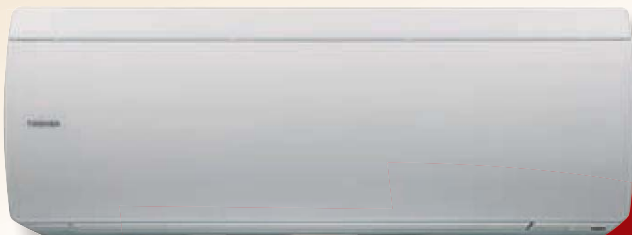


A warm, golden-toned photograph of two stuffed dogs on a couch. In the foreground, a brown and white spotted dog with floppy ears and a red collar looks towards the camera. In the background, a white dog with black spots is lying down. The scene is softly lit, creating a cozy atmosphere.

Everyone loves human warmth

TOSHIBA
HEAT PUMPS



PKVP

Highest energy efficiency and
superior air purification

Everyone loves humanwarmth.co.nz



A LITTLE HUMAN WARMTH GOES FURTHER THAN EVER BEFORE

Forget everything you know about heat pumps. The Super Daiseikai V is the most sophisticated machine of its kind, designed to meet the changing needs of you and your family. Thanks to its twin rotary compressor, the unit operates at very low speeds, achieving the highest energy efficiency rating of 5.68 in heating mode (2.5kW model) at its rated capacity.

BEST IN CLASS

In the same way that certain vehicles can turn off part of their engine when cruising, the dual stage compressor allows the Super Daiseikai V to switch between one and two cylinders, depending on your room requirements. This saves an incredible amount of energy while the unit is running below its rated capacity, a COP of over 7 while in this part load mode.

THE WIDEST FLOW POSSIBLE

You're always in control. 14 louvre positions, horizontal and side, allow you to direct the air flow more than 12 metres with pinpoint accuracy. Alternatively, use the swing feature to distribute air evenly throughout the room. With the use of your remote, you can

keep your home cosy all year round with this Comfort Wide Flow feature.

CLEAR THE AIR

Super Daiseikai V offers exceptional air treatment and filtration, providing a pure and healthy environment. The smallest particles and odours are captured by the air purifier. This complete system catches dust and pet hair, removes odours (tobacco, rubbish, exhaust gases) and eliminates bacteria, pollen, mould spores and viruses. The air ioniser provides a fresh feeling similar to walking through a forest or next to a waterfall. The superior triple filtration system both cleans and deodorises. When you turn off your heat pump, an internal fan automatically activates to dry out the coil. This "Self-cleaning with Low Density Ozone" feature prevents mould formation and has an antiseptic effect.

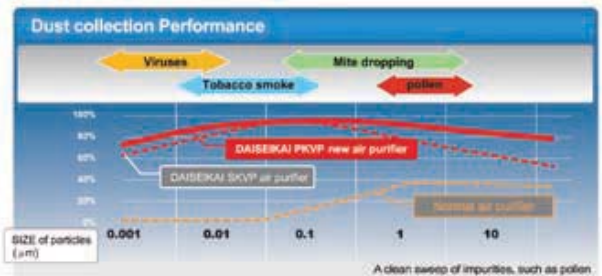
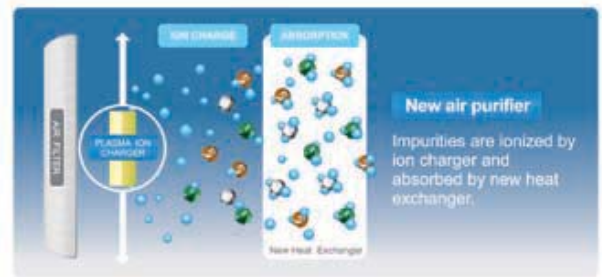
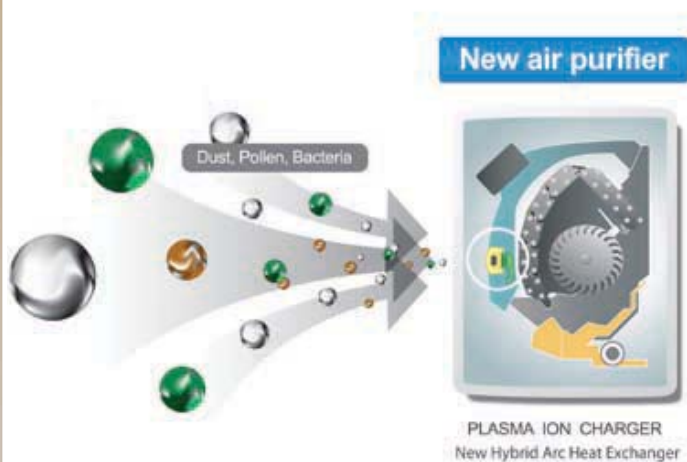


Key benefits

Energy Star
Approved

5 Fan Speeds

SUPERIOR AIR FILTRATION



Improved performance at microscopic particle sizes



IT'S ALL ABOUT YOU

Toshiba has created useful new functions to meet your requirements.

ONE TOUCH PERSONAL COMFORT features customized temperature and airflow settings, recalling them at the touch of a button.

REAL TIME CLOCK WITH ON/OFF TIMER

AUTO DIAGNOSIS monitors main functions and components for easy maintenance.

Dehumidifying
Function

Infra Red
Remote Control

Self Cleaning with
Low Density Ozone

Superior Air Filtration

Technical specifications heat pump

Outdoor unit			RAS-07PAVP-E	RAS-10PAVP-E	RAS-13PAVP-E	RAS-16PAVP-E	RAS-18PAVP-E
Indoor unit			RAS-07PKVP-E	RAS-10PKVP-E	RAS-13PKVP-E	RAS-16PKVP-E	RAS-18PKVP-E
Cooling capacity	kW		2.0	2.5	3.5	4.5	5.0
Cooling range (min. – max.)	kW		0.3 - 3.0	0.3 - 0.35	0.3 - 4.5	0.3 - 5.0	0.3 - 5.5
Power input (min. – rated – max)	kW	C	0.07 - 0.35 - 0.68	0.07 - 0.47 - 0.88	0.07 - 0.77 - 1.25	0.07 - 1.22 - 1.49	0.07 - 1.49 - 1.75
EER	W/W		5.63	5.26	4.55	3.69	3.36
Energy Star Rating			★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Annual energy consumption	KWh		177	237	385	610	745
Heating capacity	kW		2.5	3.0	4.0	5.5	6.0
Heating range (min. – max.)	kW		0.3 - 5.0	0.3 - 5.8	0.3 - 6.1	0.3 - 6.5	0.3 - 6.7
Power input (min. – rated – max)	kW	H	0.07 - 0.44 - 1.30	0.07 - 0.56 - 1.60	0.07 - 0.84 - 1.60	0.07 - 1.34 - 1.70	0.07 - 1.54 - 1.75
COP	W/W		5.68	5.36	4.76	4.1	3.9
Energy Star Rating			★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Indoor unit			RAS-07PKVP-E	RAS-10PKVP-E	RAS-13PKVP-E	RAS-16PKVP-E	RAS-18PKVP-E
Air flow (max.)	m³/h l/s	C	612 - 170	624 - 173	696 - 193	744 - 207	804 - 223
Sound pressure level (h / m / l)	dB(A)	C	42 / 34 / 26	43 / 35 / 27	45 / 36 / 27	47 / 38 / 30	49 / 41 / 31
Air flow (h/l)	m³/h– l/s	H	648 - 180	666 - 185	696 - 193	744 - 207	804 - 223
Sound pressure level (h / m / l)	dB(A)	H	42 / 34 / 26	43 / 35 / 27	45 / 36 / 27	47 / 38 / 30	49 / 41 / 31
Dimensions (h x w x d)	mm		295 x 790 x 242	295 x 790 x 242	295 x 790 x 242	295 x 790 x 242	295 x 790 x 242
Weight	kg		12	12	12	12	12
Outdoor unit			RAS-07PAVP-E	RAS-10PAVP-E	RAS-13PAVP-E	RAS-18PAVP-E	RAS-18PAVP-E
Air flow	m³/h l/s	C	1662 - 462	1880 - 500	2232 - 620	2232 - 620	2370 - 658
Sound pressure level	dB(A)	C	46	48	50	50	52
Sound power level	dB(A)	C	61	63	65	65	67
Operating range	°C	C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
Sound pressure level	dB(A)	H	46	48	50	50	52
Sound power level	dB(A)	H	61	63	65	65	67
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (h x w x d)	mm		550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg		39	39	40	40	40
Compressor type			DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas	in		3/8	3/8	3/8	4/8	1/2
Flare connections - liquid	in		1/4	2/8	2/48	2/8	1/4
Minimum pipe length	m		2	2	2	2	2
Maximum pipe length	m		10	20	20	20	20
Maximum height difference	m		20	20	20	20	20
Chargeless pipe length	m		15	15	15	15	15
Power supply	V-ph-Hz		220/240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Electrical connection to			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Recommended power cable size	mm²		2.5	2.5	2.5	2.5	2.5
Interconnecting cable - no. and size	mm²		4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0

C = cooling mode
H = heating mode

TOSHIBA
Leading Innovation >>>

Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice.

Note: All images provided in this catalogue are used for illustration purposes only.

Date: April 2010

Equipment rated in accordance with MEPS A53823.3 2007

Toshiba Air Conditioning (New Zealand)
Sales and Service 0800 773399

60 Stanley Street, Parnell, Auckland
Tel: 09 3556720 Fax: 09 3556735

87 Gasson Street, Christchurch
Tel: 03 3790894 Fax: 03 3790897

Cnr Jarden Mile & McCormack Place,
Ngauranga, Wellington
Tel: 04 4735990 Fax: 04 4735988



TOSHIBA AIRCONDITIONING
Advancing the **eco**-evolution

www.toshiba-aircon.co.nz